



National Weather Service

Storm Data and Unusual Weather Phenomena



July 2006

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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TEXAS, North

TXZ091>095-100>107- 115>123-129>135- 141>148-156>162-174>175	Montague - Cooke - Grayson - Fannin - Lamar - Young - Jack - Wise - Denton - Collin - Hunt - Delta - Hopkins - Stephens - Palo Pinto - Parker - Tarrant - Dallas - Rockwall - Kaufman - Van Zandt - Rains - Eastland - Erath - Hood - Somervell - Johnson - Ellis - Henderson - Comanche - Mills - Hamilton - Bosque - Hill - Navarro - Freestone - Anderson - Lampasas - Coryell - Bell - McLennan - Falls - Limestone - Leon - Milam - Robertson	01 31	0000CST 2359CST		0	0		100M	Drought
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Drought conditions across north Texas worsened this month as rainfall continued to be scarce. Measurable rainfall was recorded on only four days at Dallas/Fort Worth. Dallas/Fort Worth was almost 23 inches below normal for the 18 months ending on July 31, Waco was over 16 inches below normal, and Denton and McKinney were both over 30 inches below normal for the same period. Temperatures were well above normal, with this July ranking as the 9th warmest on record for the last 108 years. The average high temperature this month was 3.0 degrees above normal, and the average low temperature was 2.5 degrees above normal. In fact, 2006 now ranks as number one for Dallas/Fort Worth for the warmest mean temperature on record (69.9 degrees).

According to the U.S. Drought Monitor, drought conditions in north Texas ranged from severe drought (D2) to exceptional drought (D4), the worst possible category. The area of exceptional drought encompassed the region from Bowie south to Cisco, east to Greenville, north to the Red River, and finally west again to Bowie. This area includes the Dallas Fort Worth metroplex. Indeed, many metroplex counties continued to impose burn bans and mandatory water restrictions. Many cities prohibited watering between 10 AM and 6 PM, and voluntary conservation techniques, such as taking showers instead of baths, were stressed to citizens. Homeowners were dealing with foundation problems, and trees which had been maintained for over 60 years were dying from lack of water. Some communities tried to combat the drought conditions by reactivating wells which have not been used in over 15 years.

Farmers continued to have a difficult time getting crops to produce this season. Although cotton tends to grow best in hot weather, the extreme heat and dryness caused much of the cottonseed plant to germinate. Cotton is Texas' number one cash crop, and represented \$1 billion of the losses statewide due to the drought. Hay also continued to decrease in quality and number. Bales which were selling for \$35 last year were selling for \$80 this year. Many farmers were forced to drive to other parts of the state or even to other states to buy cheaper hay. Much of the state's corn and soybean crops were made into hay in order to feed livestock. Wheat production across north Texas was 70% below normal. In addition, many locations with very high rainfall deficits were having trouble finding enough grazing land for their cattle. The Farm Service Agency expected many farmers to give up the farm business all together because of the rising costs due to the drought. Although several counties were named disaster areas already this year, relief funds have been delayed in Congress. The Texas Cooperative Extension recently estimated statewide drought losses at \$4.1 billion. North Texas alone has incurred around \$1.9 billion.

Dallas County

Dallas	01	1905CST			0	0			Hail(1.00)
TXZ103	Denton								
	01	2000CST			0	10			Strong Wind (ES43)
	High winds caused three bounce houses to collapse with children inside near Lake Lewisville. One child suffered a broken arm, and many others had bruises and scrapes.								

Tarrant County

Countywide	05	1525CST 1546CST			0	0	20K		Thunderstorm Wind (ES52)
Thunderstorm winds blew down trees and large limbs in Watauga, Arlington, and Dalworthington Gardens. A front window at a convenience store south of Fort Worth was blown in as well, and two sections of fence were blowndown just east of Lake Arlington.									



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Tarrant County									
Countywide	05	1600CST 1730CST			0	0			Flash Flood
Flash flooding was reported at several intersections in Watauga, along Mid-Cities Boulevard in North Richland Hills, and at Highway 114 and Dove Road in Southlake.									
Hamilton County									
Hamilton	05	1804CST			0	0			Hail(0.75)
TXZ118>119									
Tarrant - Dallas									
	14	1000CST			1	0			Excessive Heat
	21	1800CST							
An upper level ridge settled over the southern plains...resulting in hot temperatures and little to no rainfall for over a week. With daytime heat indices reaching 105 degrees and nighttime temperature only dropping into the upper 70s to lower 80s, the heat affected many people detrimentally. During this time, at least one person died from the heat.									
M82PH									
Anderson County									
Palestine	17	1645CST			0	0			Thunderstorm Wind (ES52)
Tree limbs down.									
Henderson County									
Countywide	17	1645CST			0	0	45K		Thunderstorm Wind (ES74)
In Opelika, two two-hundred year-old oak trees were split in half and another was uprooted. Large limbs from the downed trees were thrown across the yard, on the roof of a house, and on top of a storage building. One resident said that their front door was blown open, and the male owner was not able to pull it shut again until the wind subsided. The cost to haul away the oak trees and repair the roof of the house was estimated at \$20,000. Also in the same area, a carport was blown off, the car inside the carport was shifted about four feet, and several trees were leveled.									
In Cross Roads, the elementary school had limbs strewn across the football field. A nearby house had its roof damaged, tin was blown off of a storage building, and numerous trees were knocked down, including a 100 year-old peach tree. Some of the trees had their tops sheared off.									
Fannin County									
8 NW Bonham	17	1845CST			0	0			Hail(0.88)
Nickel-sized hail in Ravenna.									
Fannin County									
7 N Bonham	17	1845CST			0	0	30K		Thunderstorm Wind (ES65)
Numerous trees and power lines down. A roof was also damaged.									
Van Zandt County									
Ben Wheeler	19	2253CST			0	0			Hail(0.75)
Bell County									
Belton	22	1315CST			0	0	70K		Thunderstorm Wind (ES50)
Several large trees uprooted and large tree limbs snapped. One huge tree fell on a transmission repair shop. Numerous power lines were blown down, as well as a light at a ballfield. A sign at a bank was ripped off. Power was out to about 1,200 people.									
TXZ119									
Dallas									
	27	1500CST			1	0			Heat
A four-year-old boy died of heat exposure after he was left unattended at a playground in Balch Springs. The boy did not have any water. High temperatures on this day were in the lower 100s with low temperatures in the mid 70s. Local heat advisory criteria was not met on this day.									



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TEXAS, North

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